

**BLAKELY  
SOKOLOFF  
TAYLOR &  
ZAFMAN**A LIMITED LIABILITY  
PARTNERSHIP INCLUDING  
LAW CORPORATIONS1279 OAKMEAD PARKWAY  
SUNNYVALE, CALIFORNIA 94085  
(408) 720-8300 (Telephone)  
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MAR 11 2005**FACSIMILE TRANSMITTAL SHEET (TRANSMITTAL TO PTO)**No. of pgs. incl. this one: 20

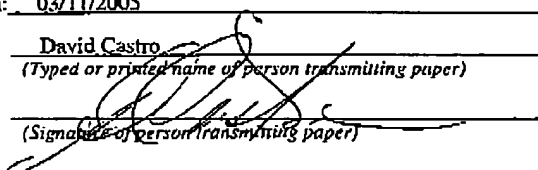
Deliver to: USPTO CUSTOMER WINDOW - Exmnr. Lin. Wen Tai  
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Fax Number: 703-872-9306 Telephone No.: 571-272-3969  
From: Kevin G. Shao  
Date: March 11, 2005 Operator: David Castro

Re US App No.: 09/992,354 Filed: November 19, 2001  
Titled: Method and Apparatus for Attribute Oriented Routing Update  
Art Unit: 2154 Confirmation No.: 7218  
Attorney Docket No.: 004906.P088

Enclosed are the following documents: \_\_\_\_\_  
\_\_\_\_\_ Amendment and Response to Office Action \_\_\_\_\_  
\_\_\_\_\_ Fee Transmittal, plus duplicate \_\_\_\_\_  
\_\_\_\_\_

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05/01/03

**FEE TRANSMITTAL FOR FY 2005**

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**TOTAL AMOUNT OF PAYMENT (\$)** 0.00**Complete if Known:**

Application No. 09/992,354  
 Filing Date November 19, 2001  
 First Named Inventor Enke Chen, et al.  
 Examiner Name Lin, Wen Tai  
 Art Unit 2154  
 Attorney Docket No. 004906.P089

Applicant claims small entity status. See 37 CFR 1.27.

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ Money Order ☒ None ☐ Other (please identify)
**Deposit Account**Deposit Account Number : 02-2666

Deposit Account Name: \_\_\_\_\_

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:☐ Charge fee(s) indicated below.☒ Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application.☐ Charge fee(s) indicated below except for the filing fee☒ Credit any overpayments.☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| <u>Large Entity</u>         |                 | <u>Small Entity</u> |                 | <u>Fee Description</u>             |           | <u>Fees Paid (\$)</u> |
|-----------------------------|-----------------|---------------------|-----------------|------------------------------------|-----------|-----------------------|
| <u>Fee Code</u>             | <u>Fee (\$)</u> | <u>Fee Code</u>     | <u>Fee (\$)</u> |                                    |           |                       |
| 1011                        | 300             | 2011                | 150             | Utility application filing fee     |           |                       |
| 1111                        | 500             | 2111                | 250             | Utility search fee                 | 1,000/500 |                       |
| 1311                        | 200             | 2311                | 100             | Utility examination fee            |           |                       |
| 1012                        | 200             | 2012                | 100             | Design application filing fee      |           |                       |
| 1112                        | 100             | 2112                | 50              | Design search fee                  | 430/215   |                       |
| 1312                        | 130             | 2312                | 65              | Design examination fee             |           |                       |
| 1013                        | 200             | 2013                | 100             | Plant filing fee                   |           |                       |
| 1113                        | 300             | 2113                | 150             | Plant search fee                   | 660/330   |                       |
| 1313                        | 160             | 2313                | 80              | Plant examination fee              |           |                       |
| 1004                        | 300             | 2004                | 150             | Reissue filing fee                 |           |                       |
| 1114                        | 500             | 2114                | 250             | Reissue search fee                 | 1,400/700 |                       |
| 1314                        | 600             | 2314                | 300             | Reissue examination fee            |           |                       |
| 1005                        | 200             | 2005                | 100             | Provisional application filing fee |           |                       |
| SUBTOTAL (1) \$ <u>0.00</u> |                 |                     |                 |                                    |           |                       |

**2. EXCESS CLAIM FEES**

|   | <u>Extra Claims</u> | <u>Fee from below</u> | <u>Fees Paid (\$)</u> |
|---|---------------------|-----------------------|-----------------------|
| Total Claims <u>34</u> - 49 or HP = <u>0</u>                          |                     | X <u>\$50.00</u>      | = <u>\$0.00</u>       |
| HP = highest number of total claims paid for, if greater than 20      |                     |                       |                       |
| Independent Claims <u>9</u> - 9 or HP = <u>0</u>                      |                     | X <u>\$200.00</u>     | = <u>\$0.00</u>       |
| HP = highest number of Independent claims paid for, if greater than 3 |                     |                       |                       |
| Multiple Dependent Claims   |                     |                       | = <u>        </u>     |

| <u>Large Entity</u> |                 | <u>Small Entity</u> |                 | <u>Fee Description</u>   |
|---------------------|-----------------|---------------------|-----------------|--|
| <u>Fee Code</u>     | <u>Fee (\$)</u> | <u>Fee Code</u>     | <u>Fee (\$)</u> |  |
| 1202                | 50              | 2202                | 25              | Each claim over 20   |
| 1201                | 200             | 2201                | 100             | Each independent claim over 3                                    |
| 1203                | 360             | 2203                | 180             | Multiple dependent claims, if not paid                           |
| 1204                | 200             | 2204                | 100             | Reissue: each claim over 20 and more than in the original patent |
| 1205                | 50              | 2205                | 25              | Reissue: each independent claim more than in the original patent |

SUBTOTAL (2) \$ 0.00**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| <u>Total Sheets</u> | <u>Extra Sheets</u>     | <u>Number of each add'l 50 or fraction thereof</u> | <u>Fee from below</u> | <u>Fees paid (\$)</u> |
|---------------------|-------------------------|--|-----------------------|-----------------------|
| <u>        </u>     | - 100 = <u>        </u> | / 50 = <u>        </u> (round up to whole number)  | X <u>\$250.00</u>     | <u>        </u>       |

| <u>Large Entity</u> |                 | <u>Small Entity</u> |                 | <u>Fee Description</u> |
|---------------------|-----------------|---------------------|-----------------|------------------------|
| <u>Fee Code</u>     | <u>Fee (\$)</u> | <u>Fee Code</u>     | <u>Fee (\$)</u> |                        |
| 1081                | 250             | 2081                | 125             | Utility                |
| 1082                | 250             | 2082                | 125             | Design                 |
| 1083                | 250             | 2083                | 125             | Plant                  |
| 1084                | 250             | 2084                | 125             | Reissue                |

SUBTOTAL (3) \$ 0.00

**FEE CALCULATION (continued)****4. OTHER FEE(S)****Fees Paid (\$)**

Non-English Specification, \$130 fee (no small entity discount)

| <u>Large Entity</u> |          | <u>Small Entity</u> |          | <u>Fee Description</u>   |  |
|---------------------|----------|---------------------|----------|--|--|
| Code                | Fee (\$) | Code                | Fee (\$) |  |  |
| 1051                | 130      | 2051                | 65       | Surcharge - late filing fee or oath  |  |
| 1052                | 50       | 2052                | 25       | Surcharge - late provisional filing fee or cover sheet                     |  |
| 1053                | 130      | 1053                | 130      | Non-English specification  |  |
| 1812                | 2,520    | 1812                | 2,520    | For filing a request for ex parte reexamination                            |  |
| 1813                | 8,800    | 1813                | 8,800    | Request for inter parties reexamination                                    |  |
| 1804                | 920*     | 1804                | 920*     | Requesting publication of SIR prior to Examiner action                     |  |
| 1805                | 1,840*   | 1805                | 1,840*   | Requesting publication of SIR after Examiner action                        |  |
| 1251                | 120      | 2251                | 60       | Extension for reply within first month                                     |  |
| 1252                | 450      | 2252                | 225      | Extension for reply within second month                                    |  |
| 1253                | 1,020    | 2253                | 510      | Extension for reply within third month                                     |  |
| 1254                | 1,590    | 2254                | 795      | Extension for reply within fourth month                                    |  |
| 1255                | 2,160    | 2255                | 1,080    | Extension for reply within fifth month                                     |  |
| 1401                | 500      | 2401                | 250      | Notice of Appeal   |  |
| 1402                | 500      | 2402                | 250      | Filing a brief in support of an appeal                                     |  |
| 1403                | 1,000    | 2403                | 500      | Request for oral hearing   |  |
| 1451                | 1,510    | 1451                | 1,510    | Petition to Institute a public use proceeding                              |  |
| 1452                | 500      | 2452                | 250      | Petition to revive - unavoidable   |  |
| 1453                | 1,500    | 2453                | 750      | Petition to revive - unintentional   |  |
| 1501                | 1,400    | 2501                | 700      | Utility issue fee (or reissue)   |  |
| 1502                | 800      | 2502                | 400      | Design issue fee   |  |
| 1503                | 1100     | 2503                | 550      | Plant issue fee  |  |
| 1462                | 400      | 1462                | 400      | Petitions to the Commissioner (CFR 1.17(f) Group I)                        |  |
| 1463                | 200      | 1463                | 200      | Petitions to the Commissioner (CFR 1.17(g) Group II)                       |  |
| 1464                | 130      | 1464                | 130      | Petitions to the Commissioner (CFR 1.17(h) Group III)                      |  |
| 1807                | 50       | 1807                | 50       | Processing fee under 37 CFR 1.17(q)  |  |
| 1806                | 180      | 1806                | 180      | Submission of Information Disclosure Stmt                                  |  |
| 8021                | 40       | 8021                | 40       | Recording each patent assignment per property (times number of properties) |  |
| 1809                | 790      | 2809                | 395      | For filing a submission after final rejection (see 37 CFR 1.129(a))        |  |
| 1814                | 130      | 2814                | 65       | Statutory Disclaimer   |  |
| 1810                | 790      | 2810                | 395      | For each additional invention to be examined (see 37 CFR 1.129(b))         |  |
| 1801                | 790      | 2801                | 395      | Request for Continued Examination (RCE)                                    |  |
| 1802                | 900      | 1802                | 900      | Request for expedited examination of a design application                  |  |
| 1504                | 300      | 1504                | 300      | Publication fee for early, voluntary, or normal pub.                       |  |
| 1505                | 300      | 1505                | 300      | Publication fee for republication  |  |
| 1803                | 130      | 1803                | 130      | Request for voluntary publication or republication                         |  |
| 1808                | 130      | 1808                | 130      | Processing fee under 37 CFR 1.17(i) (except provisionals)                  |  |
| 1454                | 1,370    | 1454                | 1,370    | Acceptance of unintentionally delayed claim for priority                   |  |

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (4) \$ 0.00**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**Typed or Printed Name: Kevin G. ShaoSignature: Date: March 11, 2005Fig. Number: 45,095Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Atty. Docket No. 004906.P088

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In Re Application of:

Enke Chen, et al.

Examiner: Lin, Wen Tai

Application No.: 09/992,354

Art Unit: 2154

Filed: November 19, 2001

Confirmation No.: 7218

For: Method and Apparatus for Attribute  
Oriented Routing UpdateMail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

MAR 11 2005

AMENDMENT AND RESPONSE TO THE OFFICE ACTION

Sir:

In response to the Office Action dated February 25, 2005, Applicant respectfully requests that the Examiner enter the following amendments and consider the following remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on

March 11, 2005

(Date of Deposit)

David Castro

(Typed or printed name of person mailing correspondence)

(Signature of person mailing correspondence)

March 11, 2005

(Date)

Application Serial No. 09/992,354

-1-

Atty. Docket No. 004906.P088